The invention claimed is:

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An aqueous coating composition comprising:

- (a) a binder polymer comprising one or more copolymerizable monoethylenically unsaturated monomers, wherein at least one of said monoethylenically unsaturated monomers contains latent crosslinking functionality; and
- (b) a second polymer comprising a monoethylenically unsaturated monomer containing latent crosslinking functionality.
- 2. The coating composition of claim 1 wherein said monoethylenically unsaturated monomer having latent crosslinking functionality comprises a carbonyl-containing monomer selected from the group consisting of acrolein, methacrolein, diacetone acrylamide, diacetone methacrylamide and vinylaceto acetate.
- The coating composition of claim 1 wherein the binder polymer further comprises a macromonomer represented by the formula:

$$R^{1}$$
- $(OR^{2})_{z}$ - R^{3} - C = $CR^{5}R^{6}$

wherein:

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R¹ is a monovalent residue of a substituted or unsubstituted hydrophobe compound; each R² is the same or different and is a substituted or unsubstituted divalent hydrocarbon residue;

R³ is a substituted or unsubstituted divalent hydrocarbon residue;

SubAa

R⁵, R⁶ are the same or different and are hydrogen or a substituted or unsubstituted monovalent hydrocarbon residue;

and z is a value of 0 to 150

, D1 4. The coating composition of claim 1 wherein said second polymer is a dispersant polymer.

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5. The coating composition of claim 1 wherein said second polymer is a thickener polymer.

Sub A3.

The coating composition of claim 1 wherein the binder polymer comprises:

- (a) 40-60% by weight of a fatty acid vinyl ester;
- (b) 30-50% by weight of methylmethacrylate;
- (c) 0.5-10% by weight of diacetone acrylamide; and
- (d) 0.5%-5% by weight of methacrylic acid, based on the total weight of the binder polymer.

7. The coating composition of claim 1 wherein the monomer having latent crosslinking functionality comprises diacetone acrylamide.

Sub A4

An aqueous coating composition comprising:

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(a) a binder polymer comprising one or more copolymerizable monoethylenically unsaturated monomers, wherein at least one of said monoethylenically unsaturated monomers contains latent crosslinking functionality; and



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- (b) at least one polymer comprising the reaction product of:
 - (i) an unsaturated carboxylic acid monomer,
 - (ii) a monoethylenically unsaturated monomer different from the carboxylic acid monomer,
 - (iii) a macromonomer comprising a hydrophobic portion and an alkoxylated portion, and
 - (iv) a monoethylenically unsaturated monomer containing latent crosslinking functionality.
- 9. The coating composition of claim 8 wherein said monoethylenically unsaturated monomer having latent crosslinking functionality comprises a carbonyl-containing monomer selected from the group consisting of acrolein, methacrolein, diacetone acrylamide, diacetone methacrylamide and vinylaceto acetate.
- 10. The coating composition of claim 8 wherein said macromonomer is represented by the formula:

$$R^{1}$$
- $(OR^{2})_{z}$ - R^{3} - C = CR^{3} R^{6}

wherein:

R¹ is a monovelent residue of a substituted or unsubstituted hydrophobe compound; each R² is the same or different and is a substituted or unsubstituted divalent hydrocarbon residue;

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R³ is a substituted or unsubstituted divalent hydrocarbon residue;

R⁴, R⁵, R⁶ are the same or different and are hydrogen or a substituted or unsubstituted monovalent hydrogarbon residue;

and z is a value of 0 to 150.

1. The coating composition of claim 8 wherein the binder polymer further comprises a macromonomer represented by the formula:

$${}^{R^4}_{VR^1-(OR^2)_z-R^3-C=CR^5R^6}$$

wherein:

 R^1 is a monovalent residue of a substituted or unsubstituted hydrophobe compound; each R^2 is the same or different and is a substituted or unsubstituted divalent hydrocarbon residue;

R³ is a substituted or ansubstituted divalent hydrocarbon residue;

R⁴, R⁵, R⁶ are the same or different and are hydrogen or a substituted or unsubstituted monovalent hydrocarbon residue;

and z is a value of 0 to 150.

- 12. The coating composition of claim 8 wherein the binder polymer comprises:
 - (a) 40-60% by weight of a fatty acid vin l ester;
 - (b) 30-50% by weight of methylmethacrylate;
 - (c) 0.5-10% by weight of diacetone acrylamide; and

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- 13. The coating composition of claim 8 wherein the monomer having latent crosslinking functionality comprises diacetone acrylamide.
- 14. The coating composition of claim 8 further comprising a second polymer comprising the reaction product of:
 - (i) an unsaturated darboxylic acid monomer,
 - (ii) a monoethylenically unsaturated monomer different from the carboxylic acid monomer,
 - (iii) a macromonomer comprising a hydrophobic portion and an alkoxylated portion, and
 - (iv) a monoethylenically unsaturated monomer containing latent crosslinking functionality.

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